BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements to Roads and Drains at Chikkavenkatappa Layout, Deshbandunagara and Surrounding area in Ward No. 13, (Doddabommasandra).

Name of Agency: Sri. Subba Reddy K V, No. 106/8, Ashwathanagar, RMV 2nd Stage, Bangalore - 560094.

Estimated Cost: Rs. 55,00,000.00

Approved Amount : Rs. 45,36,946.68

Work Order No. BBMP/EE/BTP/WO/160/2022-23 Dated: 13-03-2023.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	Demolishing cement concrete manually/ by mechanical means including disposal of material to the	Cum	49.50	1401.40	69369.30	49.50	1364.12	67523.94	0.00	0.00	1364.12	0.00	0.00	0.00	0.00	0.00	67523.94		
2	Providing, laying and spreading available soil in the embankment on a prepared surface, pulverising,	Cum	290.00	742.50	215325.00	290.00	722.75	209597.50	225.29	225.29	722.75	162828.35	0.00	0.00	0.00	162828.35	46769.15		
3	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key	Cum	421.25	204.60	86187.75	421.25	199.16	83896.15	458.13	458.13	199.16	91241.17	0.00	0.00	0.00	91241.17		7345.02	
4	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all	Cum	48.00	6109.40	293251.20	48.00	5946.89	285450.72	67.74	60.00	5946.89	356813.40	7.74	5946.89	46028.93	402842.33		117391.61	
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building,	Cum	105.60	6893.04	727905.02	105.60	6709.69	708543.26	85.12	85.12	6709.69	571128.81	0.00	0.00	0.00	571128.81	137414.45		
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per	tonne	6.34	101387.00	642793.58	6.34	98690.11	625695.30	6.38	6.38	98690.11	629642.90	0.00	0.00	0.00	629642.90		3947.60	
7	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with **10cm** thick and	Sqm	286.20	2072.00	593006.40	286.20	2016.88	577231.06	303.22	303.22	2016.88	611558.35	0.00	0.00	0.00	611558.35		34327.30	
8	Construction of Dry Lean Cement Concrete Sub- base over a prepared sub-grade with coarse and fine	Cum	105.30	4427.50	466215.75	105.30	4309.73	453814.57	75.10	75.10	4309.73	323660.72	0.00	0.00	0.00	323660.72	130153.85		
9	Providing and constructing un-reinforced plain Cement Concrete Pavement, thickness as per design,	Cum	105.30	7163.20	754284.96	105.30	6972.66	734221.10	75.10	75.10	6972.66	523646.77	0.00	0.00	0.00	523646.77	210574.33		
10	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)	Cum	383.34	81.40	31203.88	383.34	79.23	30372.03	458.13	458.13	79.23	36297.64	0.00	0.00	0.00	36297.64		5925.61	
11	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km	T.Km	490.67	115.50	56672.39	490.67	112.43	55166.03	586.41	586.41	112.43	65930.08	0.00	0.00	0.00	65930.08		10764.05	

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
12	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation	Each BW	1.00	5141.00	5141.00	1.00	5004.25	5004.25	1.00	1.00	5004.25	5004.25	0.00	0.00	0.00	5004.25		0.00	
13	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above	Rmtr	50.00	290.00	14500.00	50.00	282.29	14114.50	50.00	50.00	282.29	14114.50	0.00	0.00	0.00	14114.50		0.00	
14	50 to 100 m		50.00	364.00	18200.00	50.00	354.32	17716.00	50.00	50.00	354.32	17716.00	0.00	0.00	0.00	17716.00		0.00	
15	100 to 150 m		50.00	387.00	19350.00	50.00	376.71	18835.50	50.00	50.00	376.71	18835.50	0.00	0.00	0.00	18835.50		0.00	
16	150 to 200 m		50.00	449.00	22450.00	50.00	437.00	21850.00	50.00	50.00	437.00	21850.00	0.00	0.00	0.00	21850.00		0.00	
17	200 to 250 m		50.00	527.00	26350.00	50.00	512.98	25649.00	50.00	50.00	512.98	25649.00	0.00	0.00	0.00	25649.00		0.00	
18	250 to 300 m		50.00	558.00	27900.00	50.00	543.16	27158.00	50.00	50.00	543.16	27158.00	0.00	0.00	0.00	27158.00		0.00	
19	300 to 350 m		50.00	620.00	31000.00	50.00	603.51	30175.50	0.00	0.00	603.51	0.00	0.00	0.00	0.00	0.00	30175.50		
20	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270	Rmtr	60.00	1933.00	115980.00	60.00	1881.58	112894.80	60.00	60.00	1881.58	112894.80	0.00	0.00	0.00	112894.80		0.00	
21	Providing 250mm dia PVC Pipe 6kg/cm	Rmtr	18.00	1100.00	19800.00	18.00	1070.74	19273.32	18.00	18.00	1070.74	19273.32	0.00	0.00	0.00	19273.32		0.00	
22	Providing and fixing Borewell Cap & Clamp Set	Set	1.00	1800.00	1800.00	1.00	1752.12	1752.12	1.00	1.00	1752.12	1752.12	0.00	0.00	0.00	1752.12		0.00	
23	Providing,supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and conforming to IS 8034	No	1.00	63498.00	63498.00	1.00	61808.95	61808.95	1.00	1.00	61808.95	61808.95	0.00	0.00	0.00	61808.95		0.00	
24	Providing, Laying and Fixing GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost	m	280.00	479.00	134120.00	280.00	466.26	130552.80	250.00	250.00	466.26	116565.00	0.00	0.00	0.00	116565.00	13987.80		
25	Providing wrought mild steel (galvanized) 50 mm dia GI collar confirming to IS 1239-II, 1991 with	Nos	47.00	219.00	10293.00	47.00	213.17	10018.99	42.00	42.00	213.17	8953.14	0.00	0.00	0.00	8953.14	1065.85		
26	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and	Nos	1.00	1275.00	1275.00	1.00	1241.00	1241.00	1.00	1.00	1241.00	1241.00	0.00	0.00	0.00	1241.00		0.00	
27	Supply and delivery at site brand new best make starter/ control panel suitable for following HP	No.	1.00	35480.00	35480.00	1.00	34536.23	34536.23	1.00	1.00	34536.23	34536.23	0.00	0.00	0.00	34536.23		0.00	
28	Submersible Cable 1x3x6.0 Sq.mm	M	580.00	144.00	83520.00	580.00	140.17	81298.60	560.00	560.00	140.17	78495.20	0.00	0.00	0.00	78495.20	2803.40		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
29	Labour charges for Erection of new / repaired submersible pump set along with GI pipes (32mm / 50mm) cable (Ne...	Job	47.00	151.00	7097.00	47.00	146.98	6908.06	42.00	42.00	146.98	6173.16	0.00	0.00	0.00	6173.16	734.90		
30	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plywood on both sides	Each	1.00	292.00	292.00	1.00	284.23	284.23	1.00	1.00	284.23	284.23	0.00	0.00	0.00	284.23		0.00	
31	Providing, Supplying and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen / insulating compound	Mtr	35.00	515.00	18025.00	35.00	501.30	17545.50	30.00	30.00	501.30	15039.00	0.00	0.00	0.00	15039.00	2506.50		
32	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc	Mtr	30.00	76.00	2280.00	30.00	73.98	2219.40	30.00	30.00	73.98	2219.40	0.00	0.00	0.00	2219.40		0.00	
33	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on wall/wall/drain crossing with	Mtr	4.00	335.00	1340.00	4.00	326.09	1304.36	4.00	4.00	326.09	1304.36	0.00	0.00	0.00	1304.36		0.00	
34	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating	No.	1.00	270.00	270.00	1.00	262.82	262.82	1.00	1.00	262.82	262.82	0.00	0.00	0.00	262.82		0.00	
35	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the	Job	1.00	3750.00	3750.00	1.00	3650.25	3650.25	1.00	1.00	3650.25	3650.25	0.00	0.00	0.00	3650.25		0.00	
36	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and	No.	6.00	174.00	1044.00	6.00	169.37	1016.22	6.00	6.00	169.37	1016.22	0.00	0.00	0.00	1016.22		0.00	
37	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and	No	1.00	1715.00	1715.00	1.00	1669.38	1669.38	1.00	1.00	1669.38	1669.38	0.00	0.00	0.00	1669.38		0.00	
38	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, full... weather proof c...	Sq.Cm	23400.00	0.35	8190.00	23400.00	0.34	7956.00	23400.00	23400.00	0.34	7956.00	0.00	0.00	0.00	7956.00		0.00	
39	Earth work excavation for pipeline trenches in all kinds of soils by mechanical means above 600 mm trench width as	Cum	24.30	213.40	5185.62	24.30	207.72	5047.60	24.30	24.30	207.72	5047.60	0.00	0.00	0.00	5047.60		0.00	
40	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.03 m3	Cum	6.75	464.20	3133.35	6.75	451.85	3049.99	6.75	6.75	451.85	3049.99	0.00	0.00	0.00	3049.99		0.00	
41	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour including lowering into	Rmtr	150.00	210.00	31500.00	150.00	204.41	30661.50	150.00	150.00	204.41	30661.50	0.00	0.00	0.00	30661.50		0.00	

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
42	Refilling available earth around trenches / pipelines, cables in layers not exceeding 20 cms in depth,	Cum	24.30	103.00	2502.90	24.30	100.26	2436.32	24.30	24.30	100.26	2436.32	0.00	0.00	0.00	2436.32		0.00	
43	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per	Each	5.00	1550.00	7750.00	5.00	1508.77	7543.85	5.00	5.00	1508.77	7543.85	0.00	0.00	0.00	7543.85		0.00	
																4072938.20		179701.19	
	Sub Total				4660947.10														
	1% Third Party Inspection Charges				838970.48														
	Miscelaneous and unforgen charges	LS			82.00														
	Total				**5500000.00**			**4536946.68**								**4072938.20**	**643709.67**	**179701.19**	

3.96 %

Work Slip Amount Percentage Excess $\frac{179701.19}{4536946.68} \times 100$ **3.96%**

Approved Tender Amount

Assistant Engineer
New Ward No. 13

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬ್ಯಾಟರಾಯನಪುರ, ಬೆಂಗಳೂರು

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ